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For libraries and readers who bind Journal Communications this notice concerning Volume 11 Communications 260 and 261 is self-explanatory and completes Volume 11.

KUALA LUMPUR,
March, 1950.

*Vol. 11, Communication 259 "Patent Specifications: Improvements in and relating to the Preparation of Softened Rubber"* was published in October, 1941.

Two further Communications were prepared for publication in 1941 and were in proof form at the time of the Japanese invasion.

These Communications were briefly reviewed on the back cover of the R.R.I. Planters' Bulletin No. 18 published in November, 1941, but *were not issued in complete form.*

*Vol. 11, Communication 260. Experiments with Economic Tapping Systems (2) Alternate-daily Periodic Tapping of Mature Seedling Rubber, Parts I and II.*

by R. Scott Russell and Evan Guest.

This paper dealt with the results during the first two years of a series of tapping experiments on mature trees. With the proofs summaries of results for the third year of the experiments were recovered. Results for the third year showed that considerable alterations in the original draft would have been necessary. Since both investigators had left the staff of the Institute and as it was not possible to clarify the position by continuation of the experiments it was decided to withhold publication.

As the main conclusions quoted in the abstract are substantially correct, and reference to the publication has been made in other work, the Communication has been retained as No. 260 in the abstract form as published in Planters' Bulletin No. 18 November, 1941.

*Vol. 11, Communication 261. The Packing of Sheet Rubber in Bales.* by J. H. Piddlesden.

Proofs of this Communication were lost so that it appears only in abstract form in Planters' Bulletin No. 18 November, 1941. Because reference to it has been made in other publications the number is retained in the Communication Series to avoid confusion in future.

*Extracted from Journal Vol. 12, Communication 262, August, 1947.*

*"Communication 260—Experiments with Economic Tapping Systems (2). Alternate-daily Periodic Tapping of Mature Seedling Rubber, Parts I and II.*

by R. Scott Russell and Evan R. Guest.

**Part I**

1. Five tapping experiments were undertaken in 1938 to investigate the response to "A.B.C." tapping of mature seedling rubber trees of different types. This investigation is designed to extend the work carried out by Sharp (1934-38) and described in the first series of papers on economic tapping systems.

2. The tapping systems compared in each experiment are:

C/2,d/2,100% (Control)
C/2,d/2,4m/6,67%
C/2,d/2,8m/12,67%
C/2,d/2,12m/18,67%

3. The sites and field layout of the experiments are described.

**Part II**

1. The records for the first two years of the investigation, November 1938 to October 1940, are presented and discussed.

2. The principal effects of "A.B.C." tapping are:—

(*a*) The periodic systems have resulted in increased yield per tapping. Thus the loss in crop has been less than the reduction in tapping intensity.

(*b*) The extent of the effect and the rapidity with which it appears is dependent on the condition and yield level of the trees. The response is greatest in the lowest yielding areas.

(*c*) In the first year the average loss of crop was 102 pounds per acre. The extent of the loss varied from 62 pounds per acre in the lowest yielding areas to 169 pounds per acre in the highest yielding area.

(*d*) In the second year the average loss of crop was 28 pounds per acre and the lowest yielding areas showed an apparent, though not significant, increase in overall yield due to periodic tapping.

(*e*) Differences between the effects of the three periodic systems are not significant."

*"Communication 261—The Packing of Sheet Rubber in Bales.*

by J. H. Piddlesden.

The methods for packing ribbed smoked sheet rubber are reviewed in the light of present conditions. An account is given of experiments in which bales wrapped in rubber wrapping sheets only were prepared and shipped and the reports received on the initial trial consignments are quoted. Reference is made to parallel work carried out by others, and the concensus of opinion from our own tests and from other sources is that the packing of rubber in bales wrapped in rubber sheets (which has been named "bare-back baling") is the best method for both the producer and the ultimate user, though it is objected to on certain grounds by the rubber trade. These objections apply with equal force to standard forms of packing already approved by the trade. The relevant parts of the existing specifications for the packing of standard quality rubber are quoted.

Full details of the equipment and procedure recommended for the packing of rubber in bare-back bales on estates are given."

*Extracted from R.R.I. Planters' Bulletin No. 18, November, 1941.*